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FIG.1

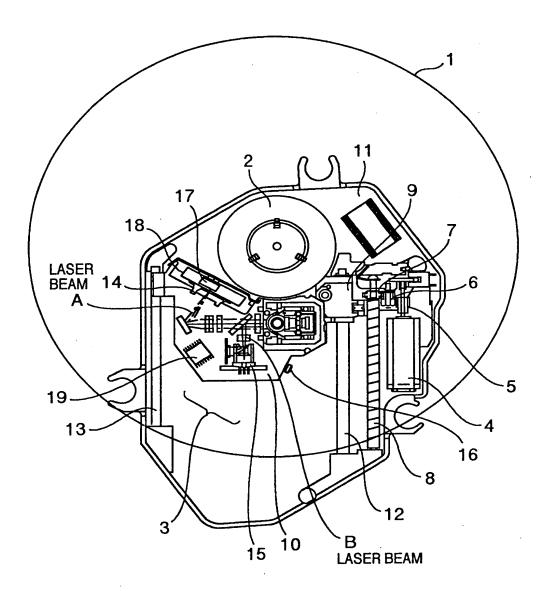




FIG.2

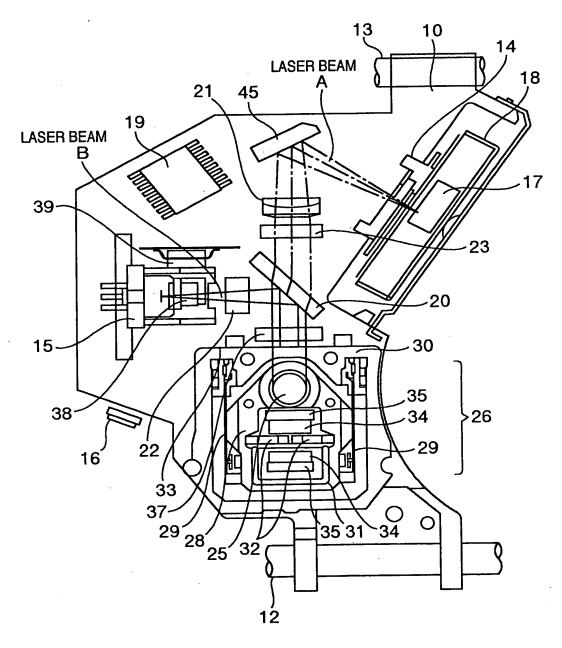
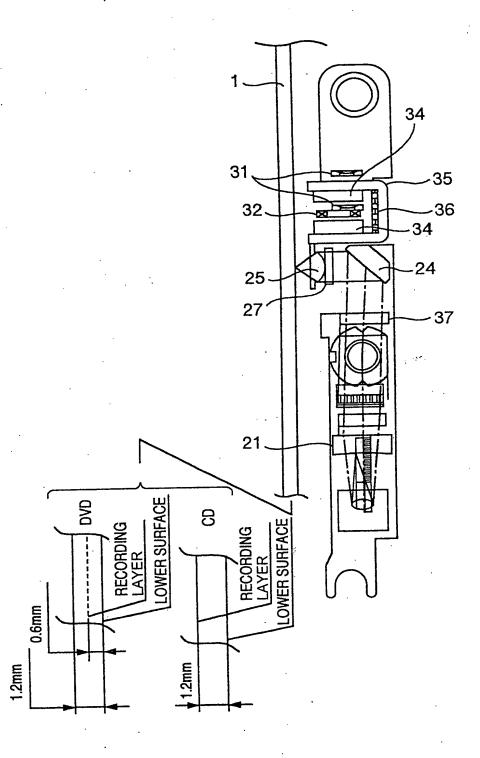




FIG.3





# FIG.4A

#### CENTER OF OPTICAL AXIS

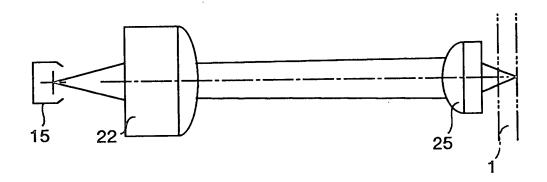
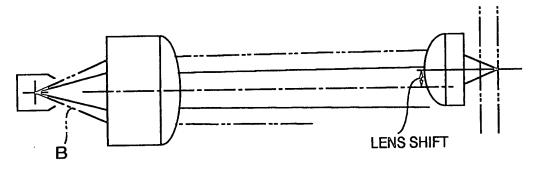


FIG.4B

### LENS SHIFT





# FIG.5A

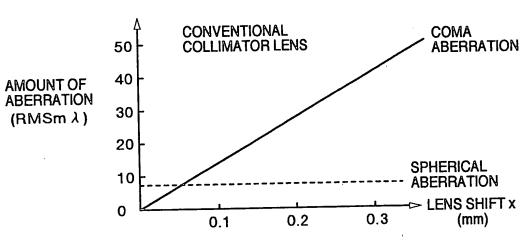
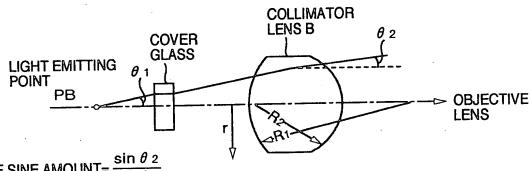


FIG.5B



RATIO OF SINE AMOUNT=  $\frac{\sin \theta}{\sin \theta}$  RATIO OF RADIUS OF CURVATURE=R2/R1 RADIUS r OF COLLIMATOR LENS B

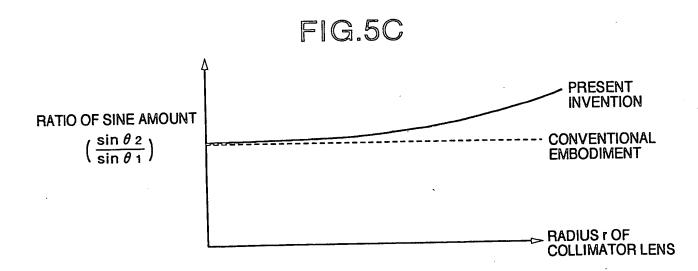




FIG.6A

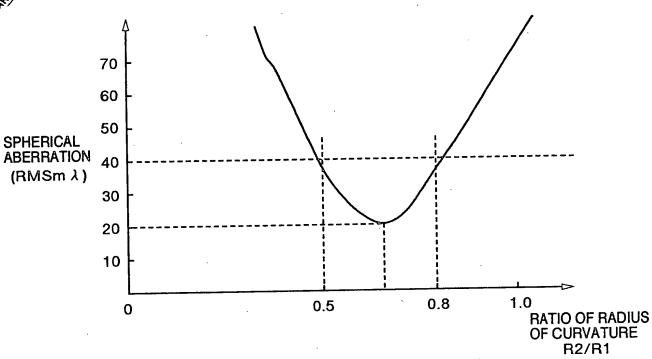


FIG.6B

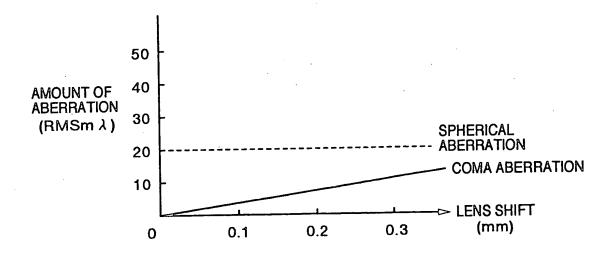
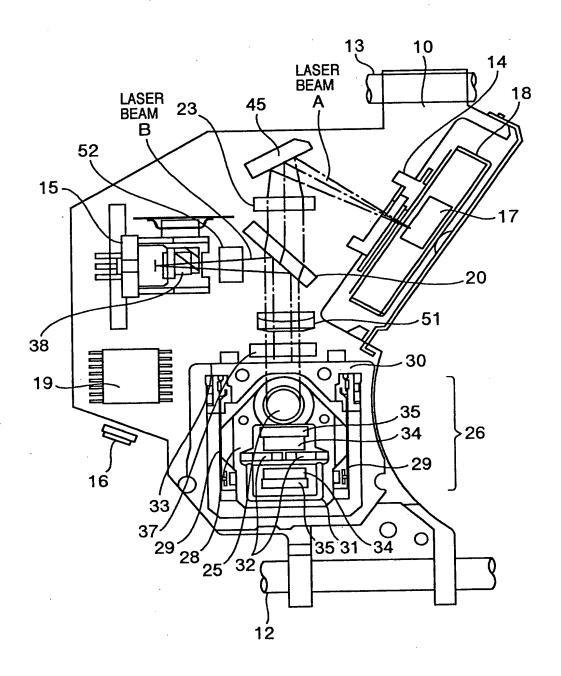




FIG.7





# FIG.8A

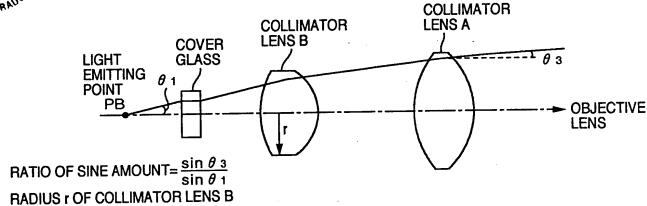


FIG.8B

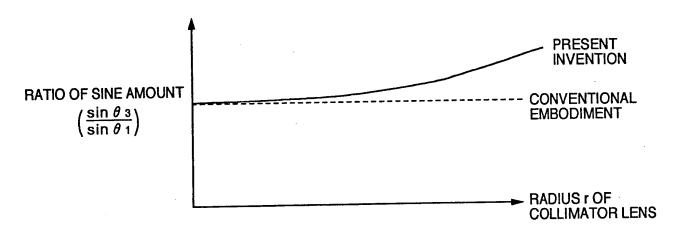


FIG.8C

